Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 17 Aug 2020 until 23:59 on Tuesday 18 Aug 2020

Forecast Issued on Sunday 16 Aug 2020 at 14:41

Confidence: High confidence for an unsettled period of weather, however confidence is low to moderate for extent and intensity of heavy showers and thunderstorms over the next few days. Confidence generally higher for the onset of some wet and windy weather towards the latter stage of this coming week.

Headline for Monday 17 Aug 2020: A grey and gloomy start, but brightening up with sunny spells and scattered heavy showers and thunderstorms.

Mountain weather hazards on Monday 17 Aug 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Dull	Cloudy	Sunny intervals	Heavy rain showers	Thundery showers	Partly cloudy (night)
Precipitation probability							
80%	40%	30%	20%	20%	40%	60%	20%

Forecast for Monday 17 Aug 2020

Weather: Overcast and wet through the early hours of Monday morning with outbreaks of heavy and perhaps thundery rain spreading northwards across the park. Cloud will be low bringing extensive mist and fog, which will continue through the morning, although much of the rain will ease. Through late morning skies will turn brighter from the south, allowing some sunshine to break through, however this could spark further heavy showers and thunderstorms. These will steadily ease during the evening giving a drier end to Monday.

Chance of cloud free mountain/hill tops above 600m: 0-10% until 12:00, with hill tops in the west most favoured for any breaks. Becoming 80-90% after 12:00 with southern and western parts of the park seeing the improvements first. Heavy showers and thunderstorms may occasionally cover tops in cloud.

Visibility: Often moderate or poor (in rain) and very poor <100m (in fog) until 12:00, where navigation will be difficult. Improving as skies brighten to become excellent 25km, but occasionally moderate or poor to just a few kilometres in heavy showers and thunderstorms.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 17 Aug 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/19 NE	11/16 NE	8/12 NE	7/10 E	6/9 S	6/9 SE	5/7 S	6/9 S	8/12 SW
300	10/19 NE	9/17 NE	6/12 NE	5/8 NE	5/8 NE	5/8 SW	3/5 S	5/9 S	6/10 S
Valley	12/23 NE	10/19 NE	6/13 E	4/8 SE	3/7 SE	4/7 S	3/6 S	3/7 SE	4/8 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/9	12/10	12/10	13/12	14/14	15/15	15/15	14/14	14/12
300	14/12	13/12	14/13	15/15	18/18	18/18	18/18	16/16	15/15
Valley	14/13	14/13	15/14	16/16	18/19	19/19	18/19	16/17	15/16
Freezing Level*	3100m	3000m	2900m	2700m	2700m	2800m	2800m	2700m	2700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Wind gusts will be higher (locally 20-25 mph) in and around heavy showers and thunderstorms.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 16 Aug 2020	5mm	5mm	5mm

Forecast for Tuesday 18 Aug 2020

Weather: A mixture of clear spells and scattered heavy showers at first, although perhaps turning drier through the morning with some sunshine breaking through. A scattering of heavy and perhaps thundery showers are possible through Tuesday afternoon, but it will steadily turn drier during the evening and overnight.

Maximum wind: Southwesterly 20mph, gusting 25-30mph.

Chance of cloud free mountain/hill tops above 600m: 40% until 10:00, rising to 90% with scattered showers or thunderstorms causing clouds to occasionally cover tops.

Visibility: Generally excellent 25km, with far reaching hills visible. Falling to just a few kilometres in heavy showers and thunderstorms and only a few hundred metres in cloud.

Temperature: **Valleys:** Plus 15 Celsius, becoming Plus 20 Celsius.
At 600m: Plus 13 Celsius.
Freezing level: Above tops.

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